

ABSTRACT OF THE DISCLOSURE

The machine comprises: a conveyor system for continuous supply of a tube at a constant velocity and in a longitudinal direction of the tube; a cutting slide which bears a shearing device predisposed to section the tube transversally and in successive tracts thereof; elements for activating which impose a linear alternating motion on the cutting slide without stopping, between an initial position and a final position along a parallel direction with respect to the longitudinal direction. The motion comprises an outward run, at least a tract of which occurs in synchrony with an advancement of the tube and during which the tube is sectioned, and a return run, following which the cutting slide is brought back to the initial position. Both the outward return runs comprise an acceleration tract, a constant velocity tract and a deceleration tract.